

AUSTROTAXACEAE, A NEW FAMILY OF PINOPHYTA

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ABSTRACT

Austrotaxaceae, the name of a monogeneric New Caledonian gymnospermous family long thought to have been validly published by Nakai (1938, 1943), is validated.

KEY WORDS: Austrotaxaceae, nomenclature, New Caledonia

One of the family names in current use not accounted for by Reveal & Hoogland (1990, 1991) is Austrotaxaceae, a monogeneric taxon of Pinophyta from the northern part of New Caledonia. The name is validated here so that it may be included in a list of vascular plant family names (Hoogland & Reveal 1993) being considered for protection under the provisions proposed by Greuter (1991) for names in current use.

Austrotaxaceae Nakai *ex* Takhtajan & Reveal, *fam. nov.* A Taxaceis strobilo masculo paniculato-spicato bracteato, bracteis stamina peltata subtendentibus, strobili foeminei cum bracteatus sterilibus spiraliter dispositis, et tracheidis marginato-punctalis haud spiraliter dispositis incrassatis diversae. - TYPE: *Austrotaxus* Compton (1922).

Austrotaxaceae was first proposed by Nakai (Tyosen-Sanrin 158:14. 1938 and Chosakuronbun Mokuroku [*Ord. Fam. Trib. Nov. App.*] 35. 1943), but the

name was a *nomen nudum*. Airy Shaw (in J.H. Willis, *Dict. Fl. Pl. Ferns*, ed. 7, 108. 1966 and ed. 8, 112. 1973), and C.R. Gunn *et al.* (U.S.D.A. Tech. Bull. 1796:11. 1992) cited the name in synonymy, while J.A. Duke (*Fam. Polyclave* A8. 1969) provided diagnostic features but gave no Latin description, so that his name is invalid (Art. 36.1; Greuter *et al.* 1988). The name was accepted by Takhtajan (*Florist. Reg. World* 310. 1986, *nom. nud.*).

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